

Request for Proposals
Site Visit Minutes – White Street Landfill
December 16, 2009 – 10:00 a.m.

The meeting started at 10:00 a.m. with introduction of the City's staff which included: Jeryl W. Covington, Director of the Environmental Services Department; Mr. David S. Bost, Waste Disposal Manager; and Robin Packard, Executive Assistant.

Attendees were made aware that information related to the Request for Proposals (RFP) will be posted on the Environmental Services Department's website (www.greensboro-nc.gov/departments/environmental/). It was noted that there has been a request for information from the local media; thus, all related RFP information will be publically disclosed.

Attendees were requested to sign the attendees' list. Due to multiple attendees from the same company, attendees were request to identify their primary contact person. Attendee lists will be posted on the website.

All questions related to the Request for Proposals are requested to be submitted in writing to the attention of Jeryl W. Covington. Questions received electronically will receive an electronic confirmation of receipt. Due to the concern related to the City's electronic filters, attendees were informed that if they do not receive an immediate electronic receipt, they should follow-up through telephone contact. Business cards were made available.

A brief review of the White Street landfill's transition to closure, landfill operations and history, and a brief description of the City's solid waste services were provided:

In 2000, the City of Greensboro's City Council voted to close the White Street Landfill to municipal solid waste (MSW). City Council requested staff to evaluate solid waste disposal opportunities other than utilizing the landfill for the disposal of MSW. Two solid waste studies were completed by HDR Engineering Inc. of the Carolinas and by Arcadis U.S., Inc. evaluating options and potential opportunities. Both studies are posted on the Department's website. During this evaluation process, staff additionally invited the waste disposal managers from New Hanover and Mecklenburg Counties to meet with City Council and discuss their solid waste systems, operating costs, permitting concerns, and long-range management options. Conclusively, the decision was made to have the City's waste managed by contracting with an out-of-county landfill.

Currently, the White Street Landfill receives waste from the City wastewater treatment operations (approximately 7,766 tons FY 2008-09), construction and demolition waste (approximately 72,124 tons FY 2008-09), and yard waste (approximately 29,790 tons). The landfill is permitted to only accept waste from Guilford County (Permit Numbers 4103 and 4112). The transfer station is permitted to accept waste from the 12 Piedmont Counties (Permit Number 4120).

The City of Greensboro does not operate under a local solid waste franchise or under an authority. Both public and private waste management companies operate within and around the City. Approximately 65,000 tons of waste is collected through the automated and rear-packer solid waste collection services. Approximately, 75,000 tons of waste are collected by the City's commercial collection services. No contracts are associated with the City's commercial collection services; thus, the City does not consider the commercial waste volume as a guaranteed waste volume as part of the RFP.

The City of Greensboro contracts with FCR to manage the recycling volume. The contract with FCR is scheduled to expire in 2013. The recycling contractor processes approximately 30,000 tons per year.

The City of Greensboro's landfill is a Title V, NSPS source per the U.S. EPA's Clean Air Act. An air control device has been installed since 1996. Landfill gas is provided to a local industrial company. An addition to the air control device is scheduled for installation and operation by April 2010. The local air quality concerns include ozone and PM 2.5.

The White Street Landfill is currently implementing a groundwater remediation system associated with the formerly operated, unlined Phase II landfill unit. The Phase II unit ceased receiving waste in December 1997. Waste disposal activities were transitioned to the RCRA Subtitle-D unit. The former Phase I landfill unit was operated by the U.S. Department of Defense and later given to Guilford County. The City of Greensboro acquired the landfill area from the County in the early 1970's.

A map of the facility and a review of the aerial photograph of the area and surrounding properties were provided.

Attendees were informed that the City advertised the RFP on the City's website as well as other solid waste publications: Waste Management News, Waste Age, and the Greensboro's News and Record.

Per the request of City Council, the City is looking for options for the management of all of the waste generation. Interested parties should be able to verify that their options are permissible within North Carolina, are proven technology, that all of the waste volume can be managed, and demonstrate, where applicable, a regional implementation strategy. Additional criteria include the following:

- The proposed waste management/disposal option can be permitted through the North Carolina Department of Environment and Natural Resources – Division of Waste Management as a viable waste management system, the Division of Air Quality, the

Division of Land Quality, and the Division of Water Quality as deem appropriate and necessary.

- The proposed waste management/disposal option will satisfy the local zoning requirements as dictated by the City of Greensboro local zoning codes or other jurisdictional bodies.
- The proposed waste management/disposal option must describe each systematic process including all inputs and outputs, environmental impacts, and discharges. The respondent shall provide conversation methods and assumptions related to the performance in order to allow for an adequate evaluation of the waste management/disposal option.
- The proposed waste management/disposal options shall describe the site requirements, transportation routes, and the developable area needs.
- The planning process of the waste management/disposal option must engage the immediately surrounding community to identify and mitigate potential negative impacts of proposed options.
- The proposed waste management/disposal option shall not result in or require operational changes to the City's mode of solid waste collection; thus, impeding the collection process or resulting in higher operational costs.
- The proposed waste management/disposal option should not increase or impose any additional liabilities (economic or environmental) on the municipality due to its operations or contractual arrangement.
- The proposed waste management/disposal option shall be a proven technique. The responder shall be prepared to demonstrate and/or identify the location of such waste management/disposal option technique(s) in the event that a review of the operation(s) is deemed necessary.
- The proposed waste management/disposal option shall identify and specify performance guarantees (e.g., waste processing as tons/day and tons/year; energy generation as kWh/ton, MW, MWH/yr; waste volume reduction levels; consumable usage; by-product volume).
- The proposed waste management/disposal option shall demonstrate its financial strength and ability to perform the stated goals of the proposal. The respondent may be requested to establish bonds on behalf of the development of a selected waste management/disposal option.
- The proposed waste management/disposal option shall be capable of managing the maximum daily waste volume of 1,500± tons. The responder shall acknowledge that waste volumes will not repeatedly or concurrently meet the maximum daily waste volume throughputs.
- The proposed waste management/disposal options shall be responsible for managing all unprocessable waste as collected by municipal forces.
- The proposed waste management/disposal option will be responsible for managing any and all potential process residue.

- The proposed waste management/disposal option shall be consistent with the State of North Carolina waste reduction goals.
- The proposed waste management/disposal option shall assist the City with complying with the State's Solid Waste Management Policy and Goals (N.C. G.S. §130-309.04)
- The proposed waste management/disposal option should identify the source of the waste feed stock and volume needed to ensure financial stability of the waste management/disposal option. In the event that the City cannot supply these materials and/or the respected quantities, the proposed waste management/disposal operations will be responsible for securing these volumes at their expense and obtaining all required permits.

Q: What is the acreage?

The landfill is approximately 1,000 acres. Phase I is approximately 85 acres, Phase II is approximately 135 acres and Phase III is approximately 51 acres subdivided into three operating cells (25 acres, 14 acres, and 12 acres).

Q. How is Phase II operated?

Phase II is currently operating as the City's construction and demolition "piggyback" landfill. Currently, the City has not received the permit renewal for this operation. Request for renewals were submitted to NC DENR in June 2008.

Q. Who generates the yard waste?

The City provides yard waste collection as a basic City solid waste function. The City collected solid waste, recycling, yard waste, bulky materials and white goods. City forces manage yard waste and storm debris area.

Q. What properties are owned by the landfill?

A map was provided describing the public and private property ownership in and around the site. The interstate corridor general vicinity was identified. Attendees were requested to make contact with NC DOT regarding the completion and complete layout of the highway improvement areas. It was noted that the White Street Landfill is permitted to transport receive waste from the White Street entrance.

Q. Are you taking any MSW in the landfill?

Per the City Council's directive, the White Street landfill is only allowed to accept wastewater screenings (approximately 7, 000 tons) in to the Phase III unit at this time.

The attendees were made aware of the City's MWBE policy regarding contractors. A copy of the City's MWBE goals and MWBE website was distributed.

Q: Who owns the pipeline to Cone Mill?

The City of Greensboro owns all components of air control device.

Q: What does City do with bio- solids?

Bio-solids from the wastewater treatment operations are managed by the Water Resources Department. The Director of the Water Resources Department is Mr. Allen Williams. The landfill is only allowed to manage the wastewater screenings from their process.

Q: How is solid waste currently managed?

The City contracts with the Uwharrie Landfill located in Montgomery County to dispose of the City's waste. Hilco Transport is contracted to transport waste from the City's transfer station to the Montgomery County location. It is approximately 70 mile between both locations.

Q: What are current tipping fees?

The City currently charges a tip fee of \$41 per ton at the transfer station.

Q: Will engineering drawings be available for use?

The City of Greensboro will post the landfill drawings on the website. All permit records are available at the NC DENR office.

Q. Have wetlands been delineated on the property?

The City has not completed the wetland delineations for the site.

Q. How are the proposals going to be evaluated?

City Council has not finalized the evaluation process. The former Mayor indicated that she was interested in the Sustainability Council's evaluation of the solid waste proposal options. Tentatively, the proposal will be accepted by the Environmental Services Department. Each submitting party will be requested to sign-in their proposal. On March 1, 2010, each proposal will be opened and a listing of the options will be tabulated and submitted to the City Manager and City Council. No cost evaluations will be completed at the opening. Confidential information will be submitted to the Legal Department for concurrency.

Q: Will sign in sheet be posted?

All information from this process will be posted on the City's Environmental Services Department's website.

Q: Will questions be posted?

All information from this process will be posted on the City's Environmental Services Department's website.

Q: Will you provide any more instructions regarding the RFP?

The City Council has directed staff not to limit the process for interested parties responding to the RFP. No additional information will be provided regarding the responses to the request for solid waste options.

Q: What do you do with leachate?

The leachate is collected in tanks and processed through the City's wastewater treatment operations.

Q: Is there costs associated with leachate management?

The landfill pays a nominal charge to the Water Resources Department for water and sewer services.

Q: Please clarify the RFP statement regarding no additional operational fees due to the implementation of the solid waste option?

The City does not intend to modify the mode of solid waste collection which could result in higher operating costs for the City in order to implement any of the solid waste options. For example, the residential waste and recycling waste are collected separately in 90-gallon commingled containers. The City does not intend through this process to implement a change to the City's mode of collection (e.g. separation at the curb) which would result in higher operating costs for the City.

Q: How much (average) is Cone Mill using of the landfill's methane?

During fiscal year 2008-2009, Cone Mill used approximately 50 – 60% of the available landfill gas. The remainder was sent to the flares. Per current contracts, Cone Mills is entitled to all of the methane generated at the site as a City incentive.

Q: What is the flow rate?

A handout was provided to the attendees to review. The landfill's gas flow rate information will be posted on the website.

Q: The RFP references a regional approach. Has a regional approach be evaluated?

Through the development and submission of the annual NC DENR Solid Waste Report, the City and Guilford County have invited other communities to speak with us about regionalization. However, with the closure of the White Street Landfill, these communities are aware that the

regionalization includes the siting of a disposal option in their community. Discussion has been limited

Q. Are the evaluations going to be reviewed by HDR?

Currently, the City does not have a contract with HDR to complete a review of the proposal options. City Council will direct staff of the evaluation process.

Q. Are we limited to Guilford County?

The solid waste options are not limited to Guilford County. The White Street Landfill, per NC DENR permit and community concerns, is limited to accept waste from only Guilford County. The solid waste transfer station by permit has a broader service area which includes the Piedmont Counties. Any additional waste volume needs for any of the options must be secured by the proposer.

Q: Is compost and yard waste included in numbers?

The waste volumes reported are only related to MSW. All waste volumes will be posted on the website.

Q. What is the format for the response to the proposal?

No format has been defined for the responses.

Q. The transfer station's operating limits are defined as 1,500 tons per day. Has the facility operated at this rate?

Yes, the City has met and exceeded these limits.

Q: Is the transfer station designed for additional capacity?

The transfer station is designed for an average of 1,000 tons per day. Since opening in 2006, no operational modifications have been made to the facility.

Q. Is there an organized community developed?

The immediately surrounding community is organized under the name of "The Concerned Citizen of Northeast Greensboro. The City Council District 2 Representative is Mr. Jim Key. The Chair of the community organization is Mr. Ralph Johnson.

Discussion portion of meeting closed at 10:48 am.

A physical review of the landfill was conducted.

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December 16, 2009
Sign In Sheet

Please Print Legibly

Name: BUD STROPE	Address: PO Box 1414		
Title: SALES MANAGER	City: GREEN	State: SC	Zip: 29652-1
Organization: PROJECT INTEGRATION INC. REPRESENTING: GREEN CONVERSION SYSTEMS	Email: BUD@PTEGRATION.COM		
Phone: 334-951-2482 864-655-8281	Fax: 864-655-8250		

Name: JERRY SCHNITZIUS	Address: 138 TAVISTOCK RD,		
Title: GEN MGR	City: ARDEN	State: N.C.	Zip: 28704
Organization: WASTE PRO	Email: J.SCHNITZIUS@WASTEPROUSA.COM		
Phone: 317-363-8756	Fax: 828-684-7792		

Name: Ray Hoffman	Address: PO Box 2943		
Title: Engineer	City: Hickory	State: NC	Zip: 28603
Organization: Republic	Email: hoffman rj@repsrv		
Phone: 828-695-2055	Fax:		

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Name: Bill Schrum	Address: P.O. Box 2943		
Title: Director of Municipal Contracting	City: Hickory	State: NC	Zip: 28603
Organization: Republic Services	Email: schrum b @ rpsrv.com		
Phone: 828-464-2414	Fax: 828-464-6922		

Name: Bob McElfresh	Address: 6047 Tyvola Glen Circle		
Title: Director of Energy Services	City: Charlotte	State: NC	Zip: 28217
Organization: GAI Consultants	Email: r.mcfresh@gaiconsultants.com		
Phone: 704-414-6773	Fax: 704-414-6774		

Name: Scott Brown	Address: 309 EAST MCLEHEAD ST, SUITE 100		
Title: SUPERVISING ENGINEER	City: CHARLOTTE	State: NC	Zip: 28202
Organization: Brown & Caldwell	Email: sbrown@browncauld.com		
Phone: 704.373.7127	Fax: 704.358.7205		

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Name:	Paul G. Colman Sr.		
Title:	C.I.C.O. Bod.		
Organization:	C.I.C.O.		
Phone:	(336) 375-6099		
Address:	3 Falconridge Ct.		
City:	Greensboro	State:	NC
Zip:	27405		
Email:	paulg.colman@gmail.com		
Fax:	(336) 375-6099		

Name:	Jimmy Torrey		
Title:	Division Mgr		
Organization:	Republic Services		
Phone:	336-387-1900		
Address:	2140 Bishop Road		
City:	Greensboro	State:	NC
Zip:	27406		
Email:	Torreyj@repsrv.com		
Fax:	336-273-3541		

Name:	Donald Neukam		
Title:	Dir - Mkt. Planning		
Organization:	Republic		
Phone:	(703) 449-4770		
Address:	5860 Trinity Pkwy. Suite 101		
City:	Centreville	State:	VA
Zip:	21020		
Email:	dneukam@republicservices.com		
Fax:	(703) 449-4775		

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Name: Jerry Johnson	Address: 3301 Benson Drive Suite 601 RA		
Title: VP - Capital Projects	City: Raleigh	State: NC	Zip: 27609
Organization: Waste Industries USA	Email: Jerry.Johnson@wasteindustries.com		
Phone: 919-877-7583	Fax: 919-325-3013		

Name: Phil Carter	Address: 3301 Benson Drive		
Title: Government Affairs Officer	City: Raleigh	State: NC	Zip: 27609
Organization: WASTE INDUSTRIES USA	Email: phil.carter@wasteindustries.com		
Phone: 919-325-3000	Fax: 919-325-3017		

Name: JOHN M. GARNER	Address: 14 N. BOYLAN AVE		
Title: VP; SR. PROJ. MGR	City: RALEIGH	State: NC	Zip: 27603
Organization: PSG ENGINEERS	Email: john@psgengineers.com		
Phone: (919) 828-0577 X126	Fax: (919) 828-3899		

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Name: Roger Marcum	Address: 302 Grumman Rd.
Title: G.M.	City: Greensboro State: NC Zip: 27409
Organization: Waste Industries	Email: roger.marcum@wasteindustries.com
Phone: 336-668-3712	Fax: 336-665-9509

Name: Kenn Cassell	Address: 2313 Hathaway Dr.
Title: G.M.	City: Greensboro State: NC Zip: 27408
Organization: Cico	Email: kw@triad.wv.com
Phone: 336-282-5367	Fax:

Name: John Walker	Address: 5830 Riverdale Dr
Title: GM	City: Imsstown State: NC Zip: 27282
Organization: WCA Waste Corp	Email: JAWALKER@WCAAMERICA.COM
Phone: 336-886-3560	Fax: 336 886-5707

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Name: JOE READING	Address: 440 S. Church St. Suite 1000		
Title: Proj. MGR	City: CHARLOTTE	State: NC	Zip: 28202
Organization: HDR ENGINEERING	Email: JOE.READLING@HDRINC.COM		
Phone: 704 338 6717	Fax: 704 338 6760		

Name: D. Scott Boat	Address: 2503 WHITE ST 650 NC 27405		
Title: WASTE DISPOSAL MANAGER CCG ENVIRONMENTAL SERVICES DEPT	City:	State:	Zip:
Organization: CCG	Email:		
Phone: 336-373-7661	Fax:		

Name: TYLER FITZGERALD	Address: 375 Dozen Drive		
Title: Division Landfill Manager	City: POLKTON	State: NC	Zip: 28135
Organization: WASTE CONNECTIONS	Email: tylerf@wasteconnections.com		
Phone: 704-694-6900	Fax: 704-694-5417		

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Name: Kimberlee Benson	Address: 2211 W. Meadowview Rd. Ste. 101
Title: Project Consultant	City: Greensboro State: NC Zip: 27407
Organization: Joyce Engineering, Inc	Email: kbenson@joyceengineering.com
Phone: 336-323-0092	Fax: 336-323-0093

Name: Evan Andrews	Address: 2211 W. Meadowview Rd Ste 101
Title: Project Consultant	City: Greensboro State: NC Zip: 27407
Organization: Joyce Engineering, Inc	Email: Eandrews@joyceengineering.com
Phone: 336-323-0092	Fax: 336-323-0093

Name: Stephen Cowie	Address: 2211 W. Meadowview Rd Ste. 101
Title: Project Consultant	City: Greensboro State: NC Zip: 27407
Organization: Joyce Engineering, Inc.	Email: scowie@joyceengineering.com
Phone: 336-323-0092	Fax: 336-323-0093

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Name: PETER HAVILAND	Address: 4 Liberty Lane
Title: BUSINESS MGR - PROJECT DEVELOPMENT	City: Hampton State: NH Zip:
Organization: WHEELABRATION TECHNOLOGIES	Email: phavilan@wm.com
Phone: 603-918-8158	Fax:

Name: ZANE FERRIS	Address: 1042 HIGHWAY CHURCH ROAD
Title: DIRECTOR OF DISPOSAL OPERATIONS	City: ELEN State: SC Zip: 29045
Organization: WASTE MANAGEMENT	Email: ZFERRIS@wm.com
Phone: 803-244-3344	Fax: 803-736-0995

Name: STAN JOSEPH	Address: 3301 N. Glen Ave
Title: Govt Affairs + Comm Relations Rep	City: Winston-Salem State: NC Zip: 27105
Organization: WASTE MANAGEMENT	Email: sjoseph@wm.com
Phone: 336-531-3285	Fax:

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Name: GREG PEVERALL	Address: 3301 N. Glen Ave NC 27105
Title: AREA DEVELOPMENT	City: State: Zip: WILKINSON NC 27105
Organization: WASTE MANAGEMENT	Email: gpeverall@wm.com
Phone: 336.531.3237	Fax:

Name: Taylor Maxwell	Address: 1047 Highway Church Rd
Title: Land Fill Gas Operations Manager	City: State: Zip: Elgin SC 29017
Organization: Waste Management	Email: tmaxwell@wm.com
Phone: (803) 873-1730	Fax:

Name: Dan Moore	Address: 2005 Rolling Rd
Title: Landfill Development & Permitting	City: State: Zip: Greensboro NC 27403
Organization: MRR Southern, LLC	Email: dmoore@mrrsouthern.com
Phone: 336 253 0091	Fax: